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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and the listing of claims in the application.

Claims Listing:

1. (Currently Amended) An index to list physical items in ~~the~~ a vicinity around a changeable current location of a user of said index.
2. (Currently Amended) An index according to claim 1 and wherein said user is in a space, ~~and said~~ vicinity is within ~~the same said space, as said user~~ and said space is one of the following: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.
3. (Original) An index according to claim 1 which comprises information about said physical items, wherein said information comprises content found on tags associated with said physical items.
4. (Original) An index according to claim 3 and wherein said information comprises a description of said physical items and their locations.
5. (Currently Amended) A personal index generator comprising:
 - a personal index;
 - a personal index updater to update said personal index to include ~~with~~ information about items within a changeable space in ~~the~~ a vicinity of said a person.
6. (Original) A generator according to claim 5 and also comprising a search engine to search for items within said personal index.
7. (Original) A generator according to claim 6 and also comprising a ranker for ranking the output of said search engine.
8. (Original) A generator according to claim 6 and wherein said space is one of the following spaces: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.

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9. (Original) A generator according to claim 8 and also comprising a space filter to provide said personal index updater only with information from items within said changeable space.
10. (Original) A generator according to claim 5 and also comprising a location sensor to sense the location of a person and to provide said location to a server.
11. (Original) A generator according to claim 10 and also comprising a receiver to receive information about items within said vicinity from said server.
12. (Original) A generator according to claim 10 and wherein said server comprises:
 - a space-wide index comprising information about items in a physical space larger than said vicinity of said person; and
 - a personal index builder to search said space-wide index for the items in the vicinity of said location and to provide said information about said items to said personal index updater.
13. (Original) A generator according to claim 12 and also comprising a space-wide index updater to update said space-wide index with information about items in said physical space.
14. (Original) A generator according to claim 13 and also comprising a space filter to provide said space-wide index updater only with information from items within said physical space.
15. (Original) A generator according to claim 14 and also comprising a search engine to search for items within said personal index.
16. (Original) A generator according to claim 15 and also comprising a ranker for ranking the output of said search engine.
17. (Original) A generator according to claim 15 and wherein said physical space is one of the following spaces: a store, a library, a street, a city, a campus, a building, an area and a park.
18. (Original) A personal index generator comprising:
 - a location sensor to sense the location of a person;

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a space-wide index comprising information about items in a physical space larger than the vicinity of said person;

a search engine to search said space-wide index for the items in the vicinity of said location which are requested by said person.

19. (Original) A generator according to claim 18 and also comprising an index updater to update said space-wide index with information about items in said physical space.

20. (Original) A generator according to claim 18 and wherein said location sensor comprises a unit to read a tag worn by said person, said unit being one of the following: an optical reader, a video camera, an infra-red detector and an RF tag reader.

21. (Original) A generator according to claim 18 and also comprising a ranker for ranking the output of said search engine.

22. (Original) A generator according to claim 18 and wherein said physical space is one of the following: a store, a library, a street, a city, a campus, a building, an area and a park.

23. (Original) A generator according to claim 18 and wherein said vicinity is a space smaller than said physical space.

24. (Original) A generator according to claim 18 and also comprising a logger to log at least the movement of items in said physical space and the searches performed by said search engine and a recommender to recommend items to said person based on the results of said logger.

25. (Currently Amended) A dynamic index to list physical items in ~~the a changing~~ vicinity around a changeable current location of a user of said index.

26. (Currently Amended) An index according to claim 25 and wherein said user is in a space, and said vicinity is within ~~the same said~~ space as said user, and said space is one of the following: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.

27. (Original) An index according to claim 25 which comprises information about said physical items, wherein said information comprises content found on tags associated with said physical items.

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28. (Original) An index according to claim 27 and wherein said information comprises a description of said physical items and their locations.

29. (Currently Amended) A method comprising:
dynamically storing in an index the physical items in ~~the a changing~~ vicinity
around a changeable current location of a user of said index.

30. (Currently Amended) A method according to claim 29 and wherein said user is in a space, said vicinity is within ~~the same~~ said space as said user and said space is one of the following: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.

31. (Original) A method according to claim 29 and also comprising listing information about said physical items, wherein said information comprises content found on tags associated with said physical items.

32. (Original) A method according to claim 31 and wherein said information comprises a description of said physical items and their locations.

33. (Currently Amended) An index generator comprising:
a location-based index;
an index updater to update said location-based index to include ~~with~~
information about items within a changeable space in ~~the a~~ vicinity of said generator.

34. (Original) A generator according to claim 33 and also comprising a search engine to search for items within said location-based index.

35. (Original) A generator according to claim 34 and also comprising a ranker for ranking the output of said search engine.

36. (Original) A generator according to claim 34 and wherein said space is one of the following spaces: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.

37. (Original) A generator according to claim 36 and also comprising a space filter to provide said location-based index updater only with information from items within said changeable space.

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38. (Original) A generator according to claim 33 and also comprising a location sensor to sense the location of said generator and to provide said location to a server.

39. (Original) A generator according to claim 38 and also comprising a receiver to receive information about items within said vicinity from said server.

40. (Original) A generator according to claim 38 and wherein said server comprises:
a space-wide index comprising information about items in a physical space
larger than said location of said generator; and
a location-based index builder to search said space-wide index for the items in
the vicinity of said location and to provide said information about said items
to said location-based index updater.

41. (Original) A generator according to claim 40 and also comprising a space-wide index updater to update said space-wide index with information about items in said physical space.

42. (Original) A generator according to claim 41 and also comprising a space filter to provide said space-wide index updater only with information from items within said physical space.

43. (Original) A generator according to claim 42 and also comprising a search engine to search for items within said location-based index.

44. (Original) A generator according to claim 43 and also comprising a ranker for ranking the output of said search engine.

45. (Original) A generator according to claim 43 and wherein said physical space is one of the following spaces: a store, a library, a street, a city, a campus, a building, an area and a park.

46. (Original) A location-based index generator comprising:
a location sensor to sense the location of said generator;
a space-wide index comprising information about items in a physical space
larger than the vicinity of said generator;

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a search engine to search said space-wide index for the items in the vicinity of
said location which are requested by said generator.

47. (Original) A generator according to claim 46 and also comprising an index updater to update said space-wide index with information about items in said physical space.

48. (Original) A generator according to claim 46 and wherein said location sensor comprises a unit to read a tag worn by said generator, said unit being one of the following: an optical reader, a video camera, an infra-red detector and an RF tag reader.

49. (Original) A generator according to claim 46 and also comprising a ranker for ranking the output of said search engine.

50. (Original) A generator according to claim 46 and wherein said physical space is one of the following: a store, a library, a street, a city, a campus, a building, an area and a park.

51. A generator according to claim 46 and wherein said vicinity is a space smaller than said physical space.

52. (Original) A generator according to claim 46 and also comprising a logger to log at least the movement of items in said physical space and the searches performed by said search engine and a recommender to recommend items to said generator based on the results of said logger.

53 – 56. (Cancelled)

57. (Currently Amended) A method comprising:

dynamically storing in an index the physical items in a ~~the~~ changing vicinity
of a generator of said index.

58. (Currently Amended) A method according to claim 57 and wherein said user is in a space, said vicinity is within ~~the same~~ said space as said generator and said space is one of the following: a store, a library, a shelf, an aisle, within a given radius, a street, a city, a campus, a building, an area and a park.

59. (Original) A method according to claim 57 and also comprising listing information about said physical items, wherein said information comprises content found on tags associated with said physical items.

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60. (Original) A method according to claim 59 and wherein said information comprises a description of said physical items and their locations.